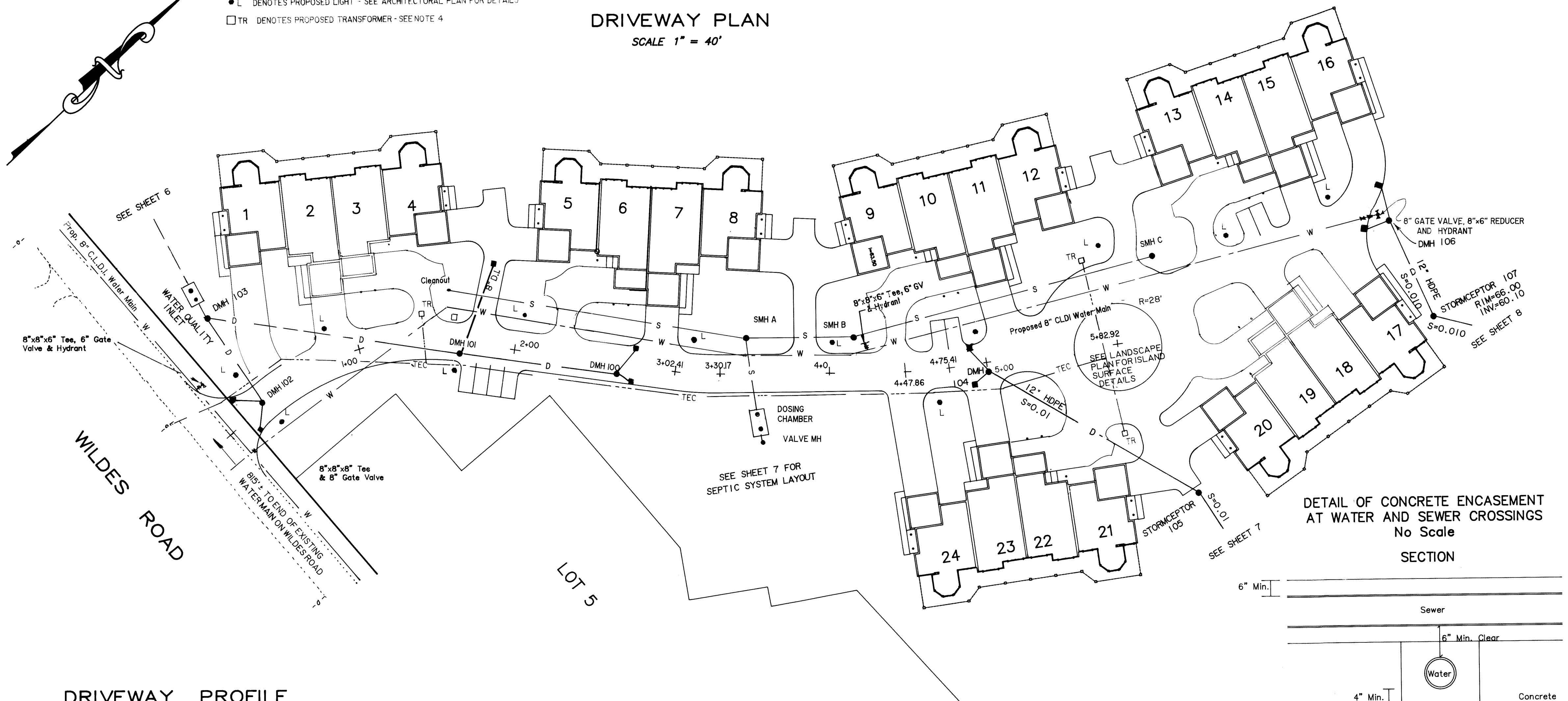


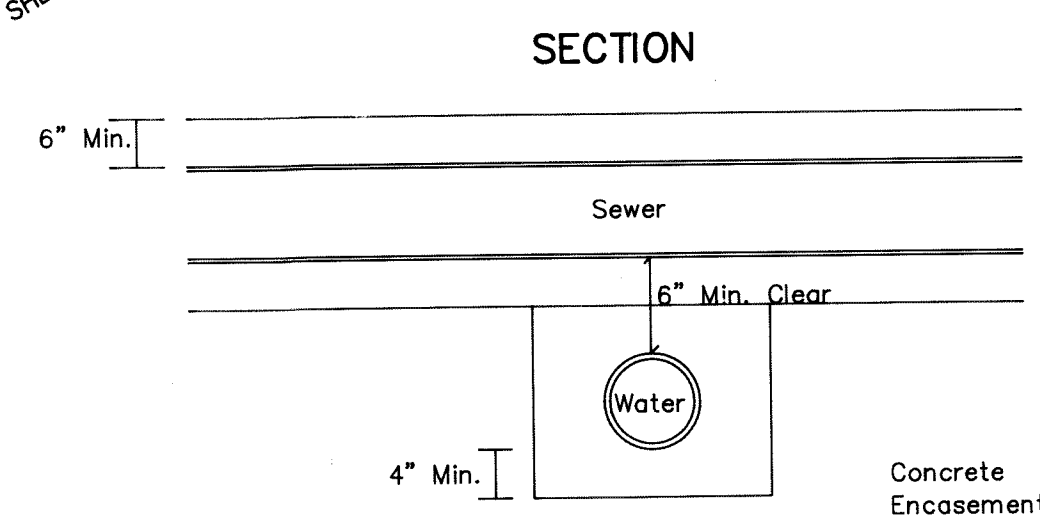
- L DENOTES PROPOSED LIGHT - SEE ARCHITECTURAL PLAN FOR DETAILS  
□ TR DENOTES PROPOSED TRANSFORMER - SEE NOTE 4

### DRIVEWAY PLAN

SCALE 1" = 40'



#### DETAIL OF CONCRETE ENCASEMENT AT WATER AND SEWER CROSSINGS No Scale

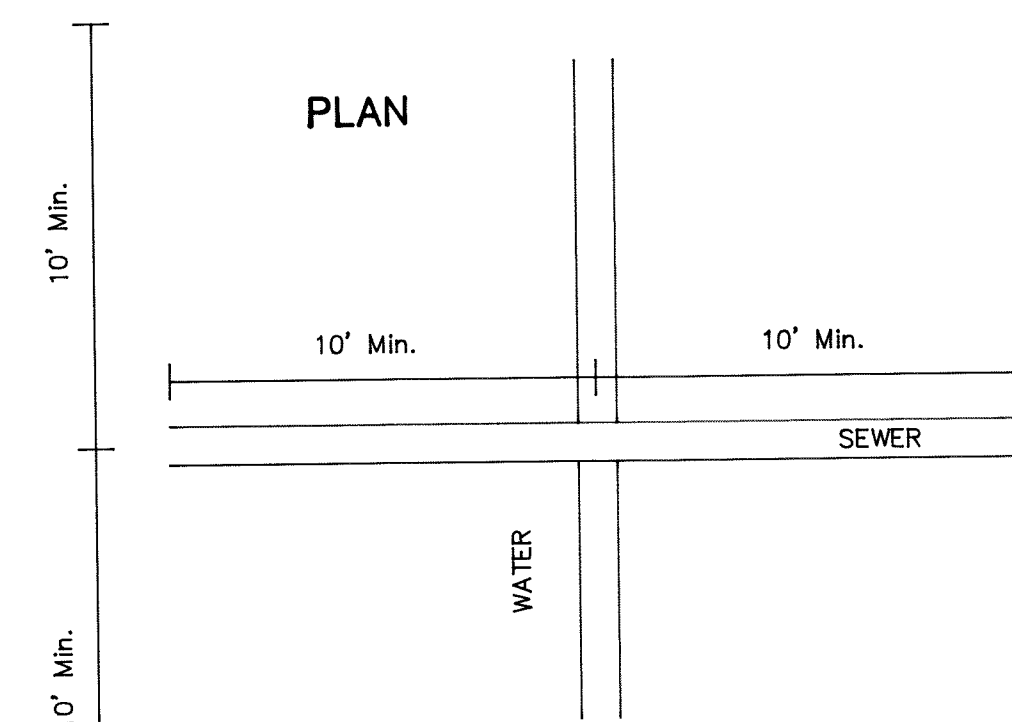


WATER AND SEWER CROSSINGS SHALL BE PLANNED TO MAXIMIZE THE SEPARATION OF PIPE JOINTS FOR EACH UTILITY AT THE CROSSING.

#### UTILITY NOTES

- 1) ALL WATER MAINS SHALL BE CLASS 52 CEMENT UNED DUCTILE IRON PIPE. ALL WATER MAIN FITTINGS SHALL BE RESTRAINED WITH APPROPRIATELY SIZED THRUST BLOCKS OR RESTAINING GLANDS. TESTING, FLUSHING AND DISINFECTION OF NEW WATER SYSTEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF TOPSFIELD.
- 2) TRENCHES CUT INTO EXISTING PAVEMENT SHALL BE HEAT PATCHED.
- 3) ALL STORM DRAINS SHALL BE HDPE EXCEPT AS OTHERWISE NOTED HEREON.
- 4) UNDERGROUND ELECTRIC, TELEPHONE, CABLE AND GAS SERVICE SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANY HAVING JURISDICTION.
- 5) WATER AND SEWER SHALL BE CONSTRUCTED WITH A MINIMUM HORIZONTAL SEPARATION OF 10 FEET. A MINIMUM VERTICAL SEPARATION OF 18 INCHES SHALL BE MAINTAINED WHERE WATER AND SEWER FACILITIES CROSS. IF EITHER OF THESE CONDITIONS CANNOT BE MET, THE SEWER SHALL BE ENCASED IN A SLEEVE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE AREA WHERE THE REQUIRED CONDITIONS ARE NOT MET.
- 6) ALL NEW SEWER MAINS SHALL BE SDR 35 PVC PIPE CONFORMING TO ASTM D3034.
- 7) DEMOLITION SHALL BE CONDUCTED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. DEMOLITION MATERIAL SHALL BE DISPOSED OF IN A LICENSED FACILITY. WETTING SHALL BE USED FOR DUST CONTROL DURING THE DEMOLITION PHASE.
- 8) EXISTING PAVEMENT ON SITE SHALL BE CRUSHED AND RECYCLED AS BASE COURSE FOR NEWLY PAVED AREAS.
- 9) SEE SHEET 13 FOR EROSION CONTROL NOTES.

#### PLAN



10' Min.  
10' Min.

I HEREBY CERTIFY THIS PLAN CONFORMS TO THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

*Signature*

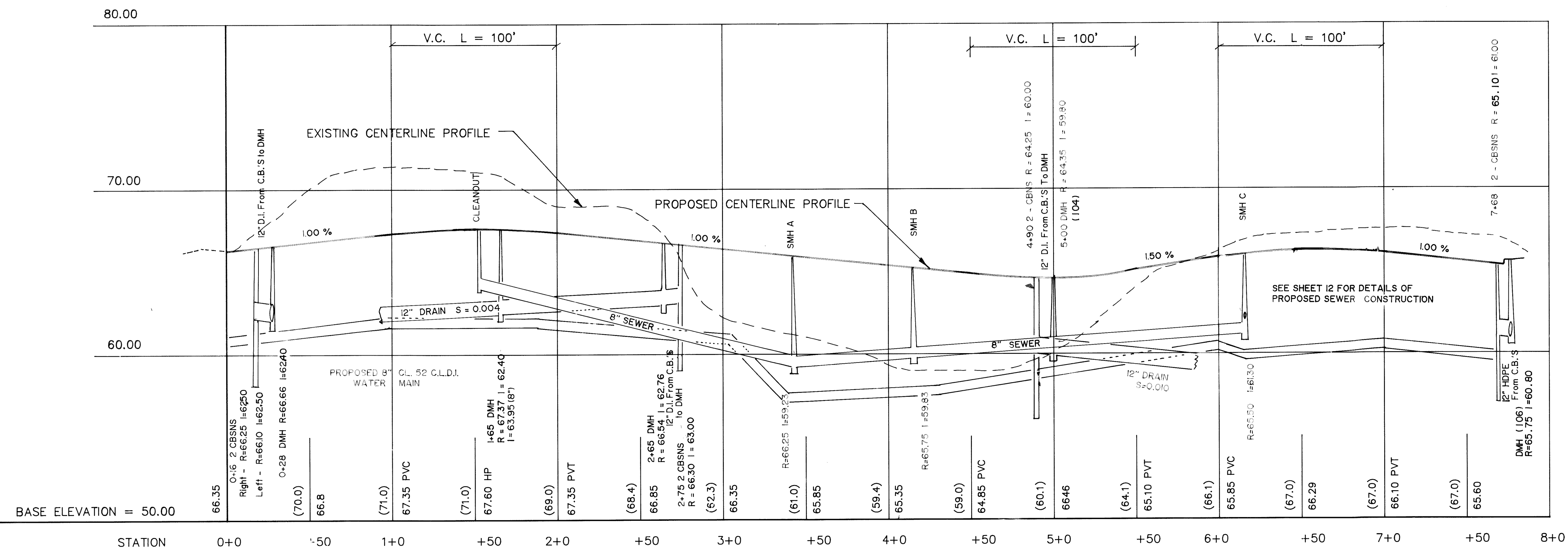
FOR REGISTRY USE ONLY

Approved by the Topsfield Planning Board

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\_\_\_\_\_  
Date \_\_\_\_\_ Filed \_\_\_\_\_

### DRIVEWAY PROFILE

SCALE 1" = 40' Horiz. 1" = 4' Vert.



Christopher R. Wells  
Professional Engineer  
No. 3537  
State of Massachusetts

SCALE 1" = 40' Horiz. 1" = 4' Vert.  
DATE: September 2, 2008  
REVISIONS  
1. MARCH 31, 2009 4. SEPTEMBER 16, 2009  
2. JUNE 1, 2009  
3. JULY 9, 2009

Prepared By  
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SITE DEVELOPMENT PERMIT PLAN  
THE MEADOWS  
TOPSFIELD, MASSACHUSETTS  
DRIVEWAY PLAN & PROFILE

F 14730

SHEET NO.  
9 OF 14